

Peak District National Park

Forecast valid from 06:00 on Thursday 20 May 2021 until 23:59 on Friday 21 May 2021

Forecast Issued on Thursday 20 May 2021 at 00:50

Confidence: High for low pressure to bring spells of wet and windy weather through Thursday and Friday and again on Sunday and Monday. Lower for the depth and track of the lows, hence for wind speeds and directions.

Headline for Thursday 20 May 2021: Strong to gale force winds and outbreaks of rain spreading from the west.

Mountain weather hazards on Thursday 20 May 2021

Blizzards

No Likelihood

Gales

Medium Likelihood

Thunderstorms

Low Likelihood

Heavy Snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

Medium Likelihood

Storm force winds

No Likelihood

Poor visibility

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Cloudy	Light rain	Heavy Rain	Heavy Rain	Heavy Rain	Light rain
Precipitation probability					
<05%	40%	70%	70%	70%	60%

Forecast for Thursday 20 May 2021

Weather: Dry through the early hours, but with medium and high cloud thickening from the west. Cloud thickening early Thursday with rain by mid-morning, this continuing through much of the day and into the evening, with some heavier bursts likely, and with a low risk of thunder in the evening. Strong winds also developing during the afternoon and continuing overnight.

Chance of cloud free mountain/hill tops above 600m: 95%, becoming 60%.

Visibility: A few mist patches possible around dawn, otherwise good or very good, becoming moderate or poor at times in rain, with patchy cloud 500-600m developing for a time around the middle of the day, and more especially in the evening.

Forecast for Thursday 20 May 2021

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/21 S	21/27 S	26/34 S	29/39 S	29/39 S	30/41 S	28/39 S
300	11/16 S	17/24 S	20/29 S	23/34 S	23/34 S	24/35 S	23/34 S
Valley	5/14 SE	11/23 SE	13/29 SE	15/33 S	15/32 S	16/34 S	15/32 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/2	5/0	5/-0	7/1	7/2	6/-0	5/-1
300	7/4	8/4	8/4	9/5	10/6	8/4	8/3
Valley	8/6	9/6	8/5	10/7	10/7	8/5	8/5
Freezing Level*	1200m	1200m	1400m	1700m	1500m	1500m	1600m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Some heavy bursts of rain, especially in the evening, and combined with strengthening winds will bring increasingly difficult conditions on the hills. Winds may be 10mph stronger than shown at 600m at times across highest peaks.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 19 May 2021	N/A	N/A	N/A

Forecast for Friday 21 May 2021

Weather: Cloudy with showers or more prolonged outbreaks of rain through the early hours and during Friday. Some heavy and perhaps thundery bursts likely, but rain tending to ease through the evening.

Maximum wind: SW 35 gust 45mph through the early hours, becoming W 20 gust 30-35mph during the day.

Chance of cloud free mountain/hill tops above 600m: 60% becoming 30%.

Visibility: Good, becoming moderate occasionally poor in outbreaks of rain, with patchy cloud around 600m becoming more extensive and lowering 400-500m by evening as winds become northwesterly.

Temperature: **Valleys:** PS 08 C becoming PS 12 C
At 600m: PS 06 C
Freezing level: Above the summits